

05882.0044.NPUS02 SEQUENCE LISTING

<110>	Tsurushita, Naoya Kumar, Shankar Vasquez, Maximiliano	
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Ala	Leu	Gly 35	Gln	Thr	Val	Arg	Ile 40	Thr	Cys	Pro	Gly	Gly 45	Gly	Ile	Tyr
Ala	Gly 50	Arg	Tyr	Tyr	Gly	Tyr 55	Gly	Trp	Phe	Gln	Gln 60	Lys	Pro	Gly	Gln
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Ile	Thr	Gly	Ala 100	Gln	Ala	Glu	Asp	Glu 105	Ala	Asp	Tyr	Tyr	Cys 110	Gly	Ser
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Tyr Gln Gln Lys Ser Pro Gly Ser Ala Pro Val Thr Val Ile Tyr Asp 50 . 55 60

Asn Asp Lys Arg Pro Ser Asp Ile Pro Ser Arg Phe Ser Gly Ser Lys 65 70 75 80

Ser Gly Ser Thr Gly Thr Leu Thr Ile Thr Gly Val Gln Ala Glu Asp 85 90 95

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Val Ile Val Ser Ser 145

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Pro Ser Asp Ile Pro Ser Arg Phe Ser Gly Ser Lys Ser Gly Ser Thr 50 60

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Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Ser Gly Gly Ser Tyr Tyr 35 40 45											
Gly Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Thr Val Ile Tyr 50 .											
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Lys Ser Gly Ser Thr Gly Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu 85 90 95											
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Gly Ala Ala Val Lys Gly Arg Ala Thr Ile Ser Arg Asp Asn Ala Lys

Asn Thr Val Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala 100 Val Tyr Tyr Cys Ala Lys Asp Tyr Gly Gly Ser Gly Ser Pro Trp Tyr 120 Gly Trp Gly Ala Ala Ser Trp Ile Asp Ala Trp Gly Gln Gly Thr Leu 135 Val Thr Val Ser Ser 145 <210> 87 <211> 6 <212> DNA <213> Artificial <220> <223> Restriction site <400> 87 6 acgcgt <210> 88 <211> <212> DNA <213> Artificial <220> <223> Restriction site <400> 88 tctaga 6 <210> 89 <211> 79 <212> PRT <213> Homo sapiens <400> 89 Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln 10 15 Thr Val Arg Ile Thr Cys Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro

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Pro Gly Gly Ala Leu Ser Leu Val Cys Lys Ala Ser Gly Phe Thr Phe 35 40 45

Ser Ser Tyr Ser Met Leu Trp Val Arg Gln Ala Pro Gly Lys Gly Leu 50 55 60

Glu Tyr Val Ala Glu Ile Thr Asn Thr Gly Arg Thr Arg Arg Tyr Gly 65 70 75 80

Ala Ala Val Lys Gly Arg Ala Thr Ile Ser Arg Asp Asn Gly Gln Ser 85 90 95

Thr Val Arg Leu Gln Leu Asn Asn Leu Arg Ala Glu Asp Thr Gly Thr
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Tyr Tyr Cys Ala Arg Ser Ser Val Tyr Ser Cys Ser Tyr Gly Trp Cys
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Pro Gly Gly Ser 35	Leu Arg Leu Ser 40	Cys Ala Ala Ser G	_
Ser Ser Tyr Ser 50	Met Leu Trp Val 55	Arg Gln Ala Pro G	ly Lys Gly Leu
Glu Tyr Val Ala 65	Glu Ile Thr Asn 70	Thr Gly Arg Thr Ar 75	rg Arg Tyr Gly 80
Ala Ala Val Lys	Gly Arg Ala Thr	Ile Ser Arg Asp As	sn Ala Lys Asn 95

Thr Val Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val 100 Tyr Tyr Cys Ala Arg Ser Ser Val Tyr Ser Cys Ser Tyr Gly Trp Cys 120 Ala Gly Asn Ile Asn Ala Trp Gly Gln Gly Thr Leu Val Thr Val Ser 135 140 Ser 145 <210> 99 <211> 423 <212> DNA <213> Chicken <400> 99 acgcgtctcg accaccatgg agaaagacac actcctgcta tgggtcctac ttctctgggt 60 tccaggttcc acaggtgcgc tgactcagcc ggcctcagtg tcagcaaacc cgggagaaac 120 cgtcaagatc acctgcccg ggggtggcat ctatgctgga aggtactatg gttatggctg 180 gttccagcag aagtctcctg gcagtgcccc tgtcactgtg atctatagca acgacaagag 240 acceteggae atceetteae gatteteegg etcegcatee ggeteeaeag ecacattaae 300 catcactggg gtccaagccg acgacgaggc tgtctatttc tgtgggagcc acgacagcaa 360 tgttggtgta tttggggccg ggacaaccct gaccgtccta agtaagtaga atccaaatct 420 423 aga <210> 100 128 <211> <212> PRT <213> Chicken <400> 100 Met Glu Lys Asp Thr Leu Leu Trp Val Leu Leu Leu Trp Val Pro 5 15 Gly Ser Thr Gly Ala Leu Thr Gln Pro Ala Ser Val Ser Ala Asn Pro

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Gly Glu Thr Val Lys Ile Thr Cys Pro Gly Gly Gly Ile Tyr Ala Gly

35 40 45

Arg Tyr Tyr Gly Tyr Gly Trp Phe Gln Gln Lys Ser Pro Gly Ser Ala 55 Pro Val Thr Val Ile Tyr Ser Asn Asp Lys Arg Pro Ser Asp Ile Pro 65 70 Ser Arg Phe Ser Gly Ser Ala Ser Gly Ser Thr Ala Thr Leu Thr Ile Thr Gly Val Gln Ala Asp Asp Glu Ala Val Tyr Phe Cys Gly Ser His Asp Ser Asn Val Gly Val Phe Gly Ala Gly Thr Thr Leu Thr Val Leu 120 <210> 101 <211> 500 <212> DNA <213> Chicken <400> 101 acgogtotog accaccatgg gatggagotg gatotttoto ttootootgt caggaactgo 60 tggcgtccac tctgccgtga cgttggacga gtccgggggc ggcctccaga cgcccggagg 120 agggeteage etegtetgea aggeeteegg gttegaette ageaactate agttgeagtg 180 ggtgcgccag gcgcccggca aggggctgga gtgggtcggt ggtattggca gcagtggcag 240 tagcacatac tacggggcgg cggtgaaggg ccgtgccacc atctcgaggg acaacgggca 300 gagcacagtg agactgcagc tgaacaacct cagggctgag gacaccggca cctactactg 360 caccagaggt gttagtcctt acagetgttg gtatgccggc cgtactagtt atacttgtca 420 tgcatatact gctggtagca tcgacgcatg gggccacggg accgaagtca tcgtctcctc 480 cggtaagaat ggcgtctaga 500 <210> 102 <211> 155 <212> PRT <213> Chicken <400> 102

Met Gly Trp Ser Trp Ile Phe Leu Phe Leu Ser Gly Thr Ala Gly

Val His Ser Ala Val Thr Leu Asp Glu Ser Gly Gly Leu Gln Thr Pro Gly Gly Leu Ser Leu Val Cys Lys Ala Ser Gly Phe Asp Phe 40 Ser Asn Tyr Gln Leu Gln Trp Val Arg Gln Ala Pro Gly Lys Gly Leu 55 Glu Trp Val Gly Gly Ile Gly Ser Ser Gly Ser Ser Thr Tyr Tyr Gly Ala Ala Val Lys Gly Arg Ala Thr Ile Ser Arg Asp Asn Gly Gln Ser 85 90 Thr Val Arg Leu Gln Leu Asn Asn Leu Arg Ala Glu Asp Thr Gly Thr 100 105 Tyr Tyr Cys Thr Arg Gly Val Ser Pro Tyr Ser Cys Trp Tyr Ala Gly 115 Arg Thr Ser Tyr Thr Cys His Ala Tyr Thr Ala Gly Ser Ile Asp Ala 135 Trp Gly His Gly Thr Glu Val Ile Val Ser Ser 150 <210> 103 <211> 87 <212> PRT <213> Homo sapiens <400> 103 Glu Val Gln Leu Leu Glu Ser Gly Gly Leu Val Gln Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Trp Val 20 25 30

Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser Arg Phe Thr Ile
35 40 45

Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu 50 55 60

Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Lys Trp Gly Gln Gly 65 70 75 80

Thr Leu Val Thr Val Ser Ser 85